



INVENTORSHIP DECLARATION BY JOINT INVENTORS

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A on hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

DELIVERY OF THERAPEUTIC COMPOUNDS VIA MICROPARTICLES OR MICROBUBBLES

the specification of which:

- ☐ is attached hereto.
- ☒ was filed on September 22, 2003 as Application Serial No. 10/668,988.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B on hereof any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

I hereby claim the benefit under Title 35, United States Code §119(e) and §120, of any United States application(s) listed in PART C hereof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and any national or PCT international filing date of this application.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please direct all telephone calls to LeeAnn Gorthey at (650) 838-4403. Address all correspondence to:

**Perkins Coie LLP
P.O. Box 2168
Menlo Park, CA 94026
Custom r No. 22918**

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART A: INVENTOR INFORMATION AND SIGNATURE

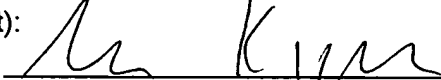
Full name of **FIRST** inventor: Patrick L. Iversen

Citizenship: US Mailing Address: 5902 N.W. Fair Oaks Place
Corvallis, OR 97330

Residence (if different):
Inventor's Signature:  Date: 1-23-04

Full name of **SECOND** inventor: Nicholas Kipshidze

N.V. Citizenship: GE ~~US~~ Mailing Address: ~~345 East 80th Street, 25B~~ 515 E. 72nd Street
New York, NY 10021 #35H

Residence (if different):
Inventor's Signature:  Date: 1-19-04

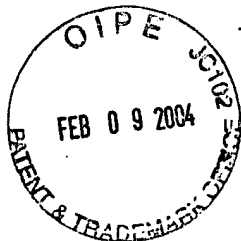
INVENTORSHIP DECLARATION BY SOLE INVENTOR

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. 119(a-d)

Country	App. No.	Filing Date
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PART C: CLAIM TO PRIORITY OF U.S. PROVISIONAL AND NONPROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e) AND 120

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
<u>10/190,419</u>	<u>July 2, 2002</u>	<u>Pending</u>
<u>10/138,589</u>	<u>May 3, 2002</u>	<u>Pending</u>



Attorney Docket No. 50450-8060

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: IVERSEN AND KIPSHIDZE

APPLICATION No.: 10/668,988

FILED: SEPTEMBER 22, 2003

FOR: **DELIVERY OF THERAPEUTIC COMPOUNDS
VIA MICROPARTICLES OR MICROBUBBLES**

EXAMINER: UNKNOWN

ART UNIT: 1615

CONF. NO: 1777

Power of Attorney by Assignee and Certification
Under 37 C.F.R. § 3.73(b)

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment recorded in the U.S. Patent and Trademark Office at Reel 9292, Frame 0540 on June 19, 1998, and an Assignment filed on December 12, 2003, as well as an appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints

STEPHEN E. ARNETT, Registration No. 47,392
RODGER K. CARREYN, Registration No. 50,774
CARLOS CANDELORO, Registration No. 52,691
MAY Y. CHAN, Registration No. 51,053
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Attorney Docket No. 50450-8060

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all affiliated with Perkins Coie LLP.

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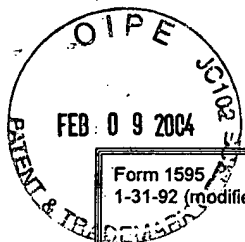
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P.O. Box 2168
Menlo Park, California 94026
(650) 838-4300

In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

Attorney Docket No. 50450-8060

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: AVI BioPharma, Inc.Signature: Typed or Printed Name: DWIGHT WELLERTitle: SR. V.P. RESEARCH & DEVELOPMENTDate: FEBRUARY 2, 2004Address: 4575 S.W. Research Way, Suite 200
Corvallis, OR 97333



Form 1595
1-31-92 (modified)

RECORDATION FORM COVER SHEET

U.S. Department of Commerce
Patent and Trademark Office

PATENTS ONLY

Atty. Dkt. No. 50450-8060

To the Honorable Assistant Commissioner for Patents: Please record the attached
original documents or copy thereof

1. Name of conveying party(ies):

Patrick L. Iversen

Nicholas Kipshidze

Add'l names of conveying parties attached?

☐ Yes ☒ No

2. Name/address of receiving party(ies):

AVI BioPharma, Inc.

4575 S.W. Research Way, Suite 200

Corvallis, OR 97333

3. Nature of conveyance: ☒ Assignment

☐ Merger ☐ Security Agreement ☐ Other

☐ Change of Name ☐ Reassignment

4. Date of execution: January 23, 2004 and
January 19, 2004, respectively

Add'l names of receiving parties
attached? ☐ Yes ☒ No

5. Application number(s) and/or patent number(s):

If this document is being filed with a new application, the date of signature by the first named inventor
was: _____

A. Patent Application No.(s)

10/668,988 filed 09/22/2003

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

6. Name and address of party to whom
correspondence concerning document
should be mailed:

Perkins Coie LLP
P. O. Box 2168
Menlo Park, CA 94026

Customer No. 22918

7. Total No. of applications and
patents involved:

one (1)

8. Total fee (37 CFR §3.41): \$40.00

☒ Enclosed is a check for the amount due.
(Please charge any underpayment to Dep. Acct. 50-2207.)

9. Total number of pages, including cover
sheet, attachments and document: 5

DO NOT USE THIS SPACE

10. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct
and any attached copy is a true copy of the original document.*

LeeAnn Gorthey

Name of Person Signing

LeeAnn Gorthey
Signature

Jan 27, 2004

Date